|   | Index of Claims |          |              |          |          |          |          |                 |           |           |           |                |           | 09/690,940   |              |              |                        |           |         |        |              |            | Reexamination  BOYER ET AL. |          |        |                        |              |         |                 |   |
|---|-----------------|----------|--------------|----------|----------|----------|----------|-----------------|-----------|-----------|-----------|----------------|-----------|--------------|--------------|--------------|------------------------|-----------|---------|--------|--------------|------------|-----------------------------|----------|--------|------------------------|--------------|---------|-----------------|---|
|   |                 |          |              |          |          |          |          |                 |           |           |           |                |           |              |              |              |                        |           |         |        |              |            |                             |          |        |                        |              |         |                 |   |
|   |                 |          |              |          |          |          |          |                 |           |           |           |                |           |              |              | Examiner     |                        |           |         |        |              |            |                             |          | Un     |                        |              |         |                 |   |
|   |                 |          |              |          |          |          |          |                 | Ш         |           |           |                |           |              | 1            | Ankeeta Shah |                        |           |         |        |              |            |                             | 3628     |        |                        |              |         |                 |   |
| · |                 |          |              |          |          |          |          |                 |           |           |           |                |           |              |              |              |                        |           |         |        |              | _          |                             |          |        |                        |              |         | <del></del>     |   |
|   | √ Rejected      |          |              |          |          |          |          |                 |           |           | (1        | (Through numer |           |              | ral)         | al)          |                        |           | No      | n-Ele  | cted         |            |                             |          | Appeal |                        |              |         |                 | • |
|   |                 |          | Ľ            |          |          |          |          | ŀ               | 4         |           | Cancelled |                |           |              |              |              | N                      |           |         |        | 1            | A          |                             |          |        |                        | 4            |         |                 |   |
|   |                 |          | =            |          |          |          |          |                 | +         | •         | R         | estric         | ted       |              |              |              | ı                      | Interfere |         | nce    |              | 0          | Objected                    |          |        |                        |              |         |                 |   |
|   |                 |          | _            |          |          |          |          | l               | Į         |           |           |                |           |              |              | JL           |                        |           |         |        | J            | لــا       | Date                        |          |        |                        | لــ          |         | •               |   |
|   | Claim           |          |              | _        |          |          | Date     | 2               |           |           | $\Box$    | Claim          |           |              |              | Date         |                        |           |         | C      | aim          |            |                             |          |        |                        |              |         |                 |   |
|   | -               | 喜        | ş            | 1        | 17       |          |          |                 | -         | 1         |           | <sub>EE</sub>  | ਭ         |              |              |              |                        | •         | ł       |        | -            | ā          | П                           |          |        |                        | 1            |         |                 |   |
|   | Final           | Original | 1472         | 1105     | 12       |          |          |                 |           |           |           | Final          | Original  |              |              |              |                        |           |         |        | Final        | Orlginal   |                             |          |        |                        |              |         |                 |   |
|   | $\vdash$        | 1        | -            | 25       |          | -        | Н        | Н               | -         |           | 4         |                | 51        |              | ╀            | ╄            | Н                      | $\dashv$  | +       | H      | -            | 101        | Н                           | +        | ╀      | H                      | +            | +       | Н               |   |
|   |                 | 2        | Ŀ            |          |          |          |          |                 | 士         | $\exists$ | ╛         |                | 52        |              | 士            | L            |                        |           | $\perp$ | 口      |              | 102        |                             |          |        |                        | コ            |         |                 |   |
|   | $\vdash$        | 3        | <del> </del> | L        | <u> </u> | L        | Н        | H               | $\dashv$  | +         | 4         |                | 53<br>54  | +            | ╀            | ╀            | Н                      |           | +       | H      | -            | 103        | Н                           |          | ╁      | H                      | $\dashv$     | +       | Н               |   |
|   |                 | 5        | Ė            |          |          |          |          | 口               |           | 士         | _         |                | 55        | $\pm$        | 1            |              | 口                      | 口         | 士       | H      |              | 105        | 口                           | 土        | 丰      | 口                      | コ            | 丰       | 口               |   |
|   |                 | 7        | ŀ            | $\vdash$ |          |          | H        | H               | -         | $\dashv$  | $\dashv$  |                | 56<br>57  | +            | +            | +            | $\vdash \vdash$        | $\dashv$  | -       | H      | _            | 106<br>107 | Н                           |          | +      | ┦                      | +            | +-      | $\vdash \vdash$ |   |
|   |                 | 8        | Ė            |          |          |          |          |                 |           |           |           |                | 58        | 土            | İ            |              |                        |           | 土       | 廿      |              | 108        | Ħ                           | 工        | 士      | 口                      | 1            |         |                 | ' |
|   | ⊢               | 10       | ŀ            | Н        | $\vdash$ |          | Н        | Н               | -         | $\dashv$  | 4         | -              | 59<br>60  | +            | ╀            | ┝            | $\left  \cdot \right $ | $\dashv$  | +       | H      | -            | 109<br>110 | Н                           | +        | ╀      | Н                      | +            |         | $\dashv$        |   |
|   |                 | 11       | Ė            |          |          |          |          |                 |           |           | 1         |                | 61        | 土            | 上            |              |                        |           | 土       | $\Box$ |              | 111        |                             |          |        |                        | 士            |         | П               |   |
|   | -               | 12       | ŀ            | H        | ┡        | H        | Н        | Н               |           | +         | 4         | -              | 62<br>63  | +            | ╀            | ╄            | ${oldsymbol{arphi}}$   | $\dashv$  | +       | H      | -            | 112        | Н                           |          | +      | Н                      | +            | - -     | Н               |   |
|   |                 | 14       | Ė            |          |          |          |          | Н               |           | $\exists$ | _         |                | 64        | $\pm$        | t            | İ            |                        |           |         | Ħ      |              | 114        |                             |          | 上      | Ц                      |              | 上       | Ц               |   |
|   |                 | 15<br>16 | <u> -</u>    | L        | L        |          | Н        | Н               | 4         | +         | 4         |                | 65<br>66  | +            | ╀            | ╀            | $\vdash \downarrow$    | $\dashv$  | +       | H      | -            | 115<br>116 | H                           |          | ╀      | $\left  \cdot \right $ | $\dashv$     | +-      | Н               |   |
|   |                 | 17       | Ė            |          |          |          |          | $\Box$          |           | 士         | ゴ         |                | 67        | 士            | 土            | 上            |                        |           |         |        |              | 117        |                             |          |        |                        |              | 士       |                 |   |
|   |                 | 18<br>19 | ŀ            |          |          | L        |          | Н               | _         | 4         | 4         | $\vdash$       | 68<br>69  | H            | $\perp$      |              | Н                      | $\dashv$  | -       | H      | -            | 118        | $\vdash$                    | $\dashv$ | ╀      | Н                      | $\dashv$     |         | Н               |   |
|   |                 | 20       | -            |          |          |          |          |                 | ╛         | $\exists$ | _         |                | 70        | $\pm$        | t            | 士            |                        |           | 士       | П      |              | 120        |                             |          | 土      |                        |              | 士       |                 |   |
|   | _               | 21<br>22 | ŀ.           |          | L        | F        | Н        | Ц               | $\dashv$  | 4         | 7         |                | 71<br>72  | +            | +            | -            | Н                      |           | +       | Н      | $\vdash$     | 121        | $\sqcup$                    | -        | ╀      | H                      | 4            | +       | Н               |   |
|   |                 | 23       | •            |          |          |          |          |                 | 寸         | $\perp$   | <u> </u>  |                | 73        | 士            | 土            |              |                        |           |         | $\Box$ |              | 123        |                             |          |        |                        |              | 土       |                 | • |
| • | _               | 24<br>25 | 1            |          | ¥        | 1-       | Н        | Н               | -         | -         | 4         |                | 74<br>75  | +            | ╄            | ╀            | Н                      | Н         | -       | H      | -            | 124<br>125 | Н                           | +        | ╀      | H                      | 4            | +       | Н               |   |
|   |                 | 26       | 1            |          |          |          |          | Ħ               | $\exists$ | $\pm$     | 1         | Ė              | 76        | 士            | 士            | T            |                        |           | •       | 世      |              | 126        |                             | 士        | 土      |                        |              | 土       |                 |   |
|   |                 | 27<br>28 | 1            | 1        |          |          | Н        | Н               | $\dashv$  | _         | 4         |                | 77<br>78  |              | $\perp$      | ╂_           |                        | $\dashv$  | +       | H      | -            | 127<br>128 | Н                           | -        | +      | Н                      | 4            | +       | Н               |   |
|   |                 | 29       | ì            | 7        | П        |          |          |                 |           | 士         |           |                | 79        | $\pm$        | 1            | 上            |                        |           | 1       | 世      |              | 129        |                             |          | 1      |                        |              | 士       | Ħ               | ĺ |
|   |                 | 30       | 1            |          |          |          | Н        | Н               | 4         | 4         | 4         |                | 80        | -            | $\perp$      | -            | $\square$              | $\dashv$  | +       | H      | -            | 130<br>131 |                             | +        | ╀      | $\vdash$               | +            | +       | Н               |   |
|   |                 | 32       | 1            | 1        | -        |          |          | H               | _         | 1         | ┧.        |                | 82        | $\perp$      | $\pm$        | t            | Н                      | Ⅎ         | 1       | $\Box$ |              | 132        |                             |          | 土      |                        | 士            | $\perp$ |                 |   |
|   |                 | 33       | Ţ            |          | Д        |          |          | П               | 7         | $\dashv$  | 7         |                | 83<br>84  | 1            | $\downarrow$ | 1            | П                      | $\Box$    | $\perp$ | $\Box$ |              | 133        |                             | 4        | $\bot$ | П                      | 4            | 4       | П               |   |
|   |                 | 35       |              | 1        | H        |          | Н        | H               | $\dashv$  | $\dashv$  | $\dashv$  |                | 85        | +            | ╁            | ╁╴           | Н                      | $\dashv$  | +       | H      | -            | 135        |                             | +        | +      | H                      | $\dashv$     | +       | Н               |   |
|   |                 | 36       |              | 1        | -        |          |          | П               | $\exists$ | $\Box$    | 7         |                | 86        | $\Box$       | Ţ            | Г            | П                      | $\Box$    |         | $\Box$ |              | 136        |                             | $\dashv$ | I      | П                      | 4            | $\bot$  | П               |   |
|   | -               | 37<br>38 | 7            | _        | H        | $\vdash$ | Н        | H               | -         | +         | $\dashv$  | ┢              | 87<br>88  | +            | 十            | ╁            | Н                      | $\dashv$  | +       | H      | $\vdash$     | 137<br>138 | Н                           | $\dashv$ | ╁      | Н                      | +            | +-      | Н               |   |
| • |                 | 39       | Ţ            | 2        |          |          | П        |                 | コ         | #         | コ         |                | 89        | $\downarrow$ | Ţ            | L            |                        | $\Box$    | $\bot$  | 口      |              | 139        |                             | ユ        | I      | П                      | コ            | 工       |                 |   |
|   | <u> </u>        | 40       | 7            | Н        | H        | $\vdash$ | Н        | Н               | ┥         | $\dashv$  | $\dashv$  | $\vdash$       | 90        | +            | ╁            | ╁            | $\vdash \mid$          | $\dashv$  | +       | H      | $\vdash$     | 140        | $\vdash$                    | +        | +      | ╢                      | +            | +       | Н               |   |
|   |                 | 42       | 1            | Z        | I        |          | 口        | 口               | コ         | $\exists$ | 1         |                | 92        | #            | 丰            |              | 口                      |           | $\bot$  | $\Box$ |              | 142        |                             | 二        | T      | 口                      | $\downarrow$ | 工       | 口               |   |
|   | <u> </u>        | 43       | 1            | ¥        | H        | $\vdash$ | $\vdash$ | $\vdash \vdash$ | 4         | +         | $\dashv$  | <del> </del>   | 93<br>94  | +            | +            | ╀            | ${oldsymbol{arphi}}$   | $\dashv$  |         | H      | <del> </del> | 143        |                             | +        | ╀      | $\vdash$               | +            | +       | Н               |   |
|   |                 | 45       | Ì            | _        | H        |          | $\Box$   |                 | $\exists$ | 士         | 1         |                | 95        | 士            | 士            | 上            |                        |           | 士       | 廿      |              | 145        |                             | $\pm$    | 士      | 目                      | 士            | 士       | Ħ               |   |
|   | F               | 48<br>47 | 7            | <ে       | Ų        | $\mu$    | $\Box$   | $\dashv$        | 4         | $\dashv$  | 7         |                | 96<br>97  | Ŧ            | F            | 1            | $\square$              | 1         | 4       | $\Box$ |              | 146        |                             | T        | $\bot$ | П                      | 4            | $\perp$ | П               |   |
|   |                 | 48       | Ė            | Ď        | Ľ        |          |          | ᆸ               | 1         | 士         | _         |                | 98        | 土            | 土            | 上            | H                      |           | 士       | $\Box$ |              | 148        |                             |          | 土      | 目                      | 士            | 士       | Н               |   |
|   | $\sqsubseteq$   | 49<br>50 | $\vdash$     | Ш        |          |          | Д        | П               | 4         | 4         | $\dashv$  | <b>—</b>       | 99<br>100 | $\bot$       | $\perp$      | F            | П                      | $\Box$    | $\perp$ | $\Box$ |              | 149<br>150 |                             | -        | +      | $\square$              | $\dashv$     | Ŧ       | П               |   |
|   | L               | , ,,,    | L            |          |          |          |          | ıl              | - 1       | - 1       | - 1       | <b>L</b>       | LIVUI     | - 1          | 1            | 1            | ıl                     |           | - F     | 5 I    | L            | 1 130      | 1                           | _1_      | _L_    |                        | - 1          | - 1     | 1               | 4 |